ABSTRACT OF THE DISCLOSURE

In a background noise/speech classification method, whether a digital input signal input through an input terminal is background noise or speech is decided by a

5   background noise/speech decision section on the basis of calculated frame power and a calculated LSP coefficient which are obtained by supplying the input signal to a feature amount calculation section and estimated frame power and an estimated LSP coefficient

10   obtained by an estimated feature amount update section. Thereafter, the estimated feature amount update section updates the estimated frame power and the estimated LSP coefficient by using the frame power and the LSP coefficient obtained by the feature amount calculation

15   section to prepare for the next frame.